

TOP SECRET

COPY 46

4 PAGES

TCS 9182/65

DATE July 1965

CENTRAL INTELLIGENCE AGENCY
PHOTOGRAPHIC INTELLIGENCE DIVISION
PHOTOGRAPHIC INTELLIGENCE REPORT

KAZAN AIRCRAFT ENGINE PLANT NO. 16

CIA/PIR - 65002

DDR-DUPE



Handle Via TALENT - KEYHOLE Controls Jointly

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GROUP 1
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KAZAN AIRCRAFT ENGINE PLANT NO. 16

The Kazan Aircraft Engine Plant NO. 16 was observed on TALENT Mission [redacted] and contained at that time approximately 2,027,030 square feet of floorpsace. A comparison of this photography with that from Mission [redacted] reveals that additions totaling 218,025 square feet were constructed, bringing the total floorspace of the plant to 2,245,055 square feet.

25X1

25X1

The major additions include a machine shop/subassembly building (item 11) Figure 1), a machine shop (item 10), and a 43,125 square foot addition to the machine shop/engineering building (item 3). The construction of the machine shop/subassembly building (item 11) was underway in [redacted] and was completed by [redacted]. The machine shop (item 10) was under construction by [redacted] and was complete by [redacted]. The addition to the shop/engineering building (item 3) was underway in [redacted] and complete by [redacted].

25X1

25X1

25X1

25X1

25X1

Table I contains the description and dimensions of the major buildings comprising Kazan Aircraft Engine Plant No. 16. All measurements, excepting height measurements of numbered buildings, were made by the NPIC Technical Intelligence Division. Heights of numbered items were taken from the referenced [redacted]. All dimensions of unnumbered buildings were computed by the CIA/IAD analyst.

25X1

The plant contains approximately 12,000 linear feet of paved roads, probably concrete, which average [redacted]. The plant is also serviced by about 5,600 linear feet of single-track railroad.

25X1

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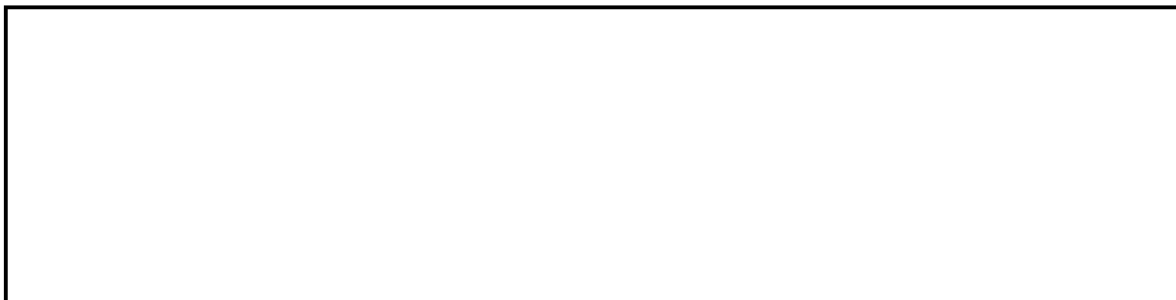
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REFERENCES

PHOTOGRAPHY

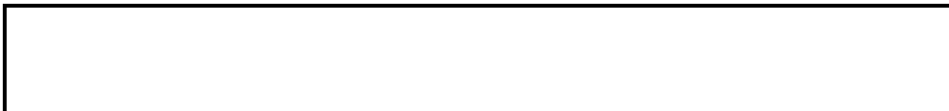


25X1

MAPS OR CHARTS

SAC. US Air Target Chart, Series 200, Sheet 0165-1A1,
2nd Edition, March 1961, Scale 1:200,000 (SECRET)

DOCUMENTS



25X1

REQUIREMENT

CIA. C-RR5-82,803

CIA/IAD PROJECT

30095-6

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KAZAN AIRCRAFT ENGINE PLANT NO. 16

TABLE I

Item	Description	Dimensions (Ft.)	Floorspace (Sq. Ft.)	Volume (Cu. Ft.)
1	Machine Shop/Assembly Building		951,400	
2	Engine Assembly/Test Building	Irregular	205,100	7,335,400
3	Shop/Engineering Building	Irregular	112,410	5,620,500
4	Machine Shop		265,000	
5	Machine Shop/Sub-Assembly		99,120	
**6	Possible Forge/Foundry	Irregular	33,000	825,000
7	Workshop		63,700	
8	Machine Shop/Storage Building	1135 x 155 x 45	169,625	7,423,875
9	Shop/Engineering Building		22,800	
*10	Machine Shop		44,250	
*11	Machine Shop/Sub-Assembly Building	390 x 335 x 45	130,650	5,040,750
			2,097,055	83,605,585
** Shops			25,800	324,500
** Storage/Support			122,200	1,303,500
TOTALS - - - - -			2,245,055	85,233,585

* Indicates height measurement was made by IAD/IB analyst.
** Indicates all measurements were made by IAD/IB analyst.

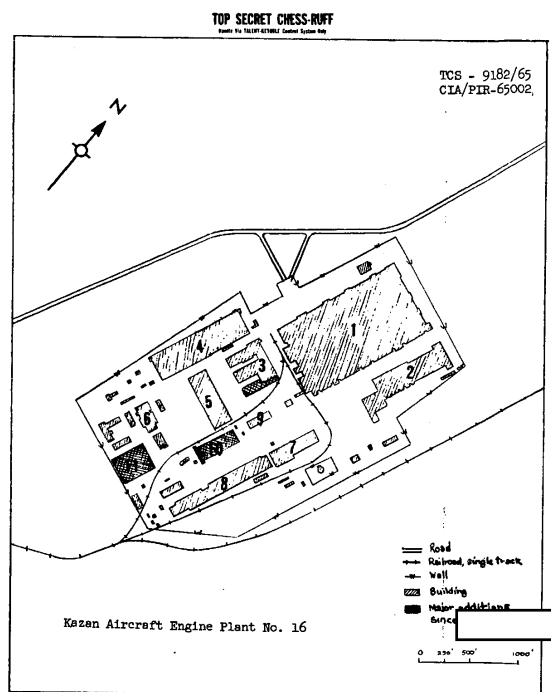


FIGURE 1

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KAZAN AIRCRAFT ENGINE PLANT NO. 16
KAZAN, USSR
55 51 28N - 49 07 08E

FIGURE 2

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